

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

1. (original) A computer component heater operably coupled to a pulse width modulation (PWM) power controller, said power controller in operation varying a PWM duty cycle in relation to the voltage of the power source supplying the heater.
2. (original) Apparatus according to claim 1 wherein the PWM duty cycle is related to the voltage of the heater's power source via a lookup table.
3. (currently amended) Apparatus according to claim 1 ~~either one of the preceding claims~~, wherein the power controller is operable to further vary a duty cycle in relation to a heater power dissipation dependent upon user preference.
4. (currently amended) Apparatus according to claim 1 ~~any one of the preceding claims~~, wherein the power controller is operable to further vary a duty cycle in relation to a temperature dependent heater wattage.
5. (currently amended) Apparatus according to claim 1 ~~any one of the preceding claims~~, wherein the heater comprises two heating elements with a total resistance in the range of 10 to 50 Ohms.
6. (currently amended) Apparatus according to claim 1 ~~any one of the preceding claims~~, wherein the PWM power controller is operable to control the power supply to the heater irrespective of whether a computer component with which it is associated currently has power.
7. (currently amended) Apparatus according to claim 1 ~~any one of the preceding claims~~, which is operable such that a user may select a temperature threshold at which to activate the heater.

8. (currently amended) Apparatus according to claim 1 ~~any one of the preceding claims~~, which is operable such that a user may select a degree of hysteresis between temperature thresholds at which to activate and deactivate the heater.
9. (currently amended) Apparatus according to claim 1 ~~any one of the preceding claims~~, which is operable such that a user may select a maximum heating duration.
10. (currently amended) Apparatus according to claim 1 ~~any one of the preceding claims~~, which is operable such that a user may select a battery protection voltage threshold.
11. (currently amended) Apparatus according to claim 1 ~~any one of the preceding claims~~ wherein the heater's power supply comprises a vehicle battery.
12. (currently amended) A computer component heater operably coupled to a PWM power controller in accordance with claim 1 ~~any one of the preceding claims~~ wherein the computer component is any one of;
- i. a hard disk;
 - ii. an LCD display; and
 - iii. a battery.
13. (original) A computer component heater operably coupled to a PWM power controller in accordance claim 12 wherein the computer component comprises the heater.
14. (currently amended) A computer component heater operably coupled to a PWM power controller in accordance with claim 12 ~~any one of claims 12 to 13~~ wherein the computer component comprises the PWM power controller.

15. (original) A method of heating a computer component characterised by the steps of
- i. operably coupling a computer component heater to a pulse width modulation (PWM) power controller; and
 - ii. the power controller automatically varying a duty cycle in relation to the voltage of the power supply to the heater.

16. (cancelled)